

WHAT IS CLAIMED IS:

1. An isolated nucleic acid molecule comprising the nucleotide sequence of SEQ ID NO:1 or SEQ ID NO:3.

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2. An isolated nucleic acid molecule comprising a nucleotide sequence that:

(a) encodes the amino acid sequence shown in SEQ ID NO:2; and

10 (b) hybridizes under stringent conditions to the nucleotide sequence of SEQ ID NO:1 or the complement thereof.

3. An isolated nucleic acid molecule comprising a
15 nucleotide sequence encoding the amino acid sequence shown in SEQ ID NO:2.

4. An isolated nucleic acid molecule comprising a
nucleotide sequence encoding the amino acid sequence shown in
20 SEQ ID NO:4.

5. A substantially isolated protein having the kinase activity of the protein shown in SEQ ID NO:2 or SEQ ID NO:4, which is encoded by a nucleotide sequence that
25 hybridizes to SEQ ID NO:1 or SEQ ID NO:3 under highly stringent conditions.